

GPAT 2026 Question Paper (Memory Based)

Time Allowed :3 Hours	Maximum Marks :100	Total Questions :100
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General Instructions

1. The GPAT 2026 exam will be conducted in online mode (Computer-Based Test).
2. The total duration of the exam is 3 hours.
3. The exam consists of 125 multiple-choice questions (MCQs).
4. Each correct answer carries 4 marks, and 1 mark will be deducted for each incorrect answer.
5. Questions in the exam are divided into various sections such as Pharmaceutical Chemistry, Pharmacology, Pharmaceutics, Pharmacognosy, Medicinal Chemistry, Biochemistry, Microbiology, and Clinical Pharmacy.
6. Candidates must carry the GPAT 2026 admit card and a valid photo ID proof to the exam center.
7. Mobile phones, calculators, and any other electronic devices are strictly prohibited in the exam hall.
8. All questions in the exam are compulsory. Choose the most appropriate answer for each question.
9. Ensure to follow the on-screen instructions during the exam carefully.

1. Which of the following phenothiazine neuroleptic is a piperidine derivative?

- (A) Thioridazine
- (B) Trifluoperazine
- (C) Perphenazine
- (D) Promazine

2. Neuroleptics mediated parkinsonism is alleviated by

- (A) Antimuscarinics
- (B) Amantadine
- (C) Levodopa
- (D) Selegiline

3. Which of the following drugs is both α and β blocker?

- (A) Phentolamine
- (B) Phenoxybenzamine

- (C) Labetalol
 - (D) Indoramin
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4. Digitalis toxicity is aggravated by

- (A) Hypokalemia
 - (B) Hyponatremia
 - (C) Hypocalcemia
 - (D) Hypomagnesemia
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5. Preferred antihypertensive drug during pregnancy is

- (A) Propranolol
 - (B) Hydralazine
 - (C) Hydrochlorothiazide
 - (D) Sodium nitroprusside
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6. All of the following are first line antitubercular drugs except

- (A) Isoniazid
 - (B) Rifampicin
 - (C) Kanamycin
 - (D) Ethambutol
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7. Combination of drug which is effective in the treatment of angina pectoris is

- (A) Atenolol, Isoproterenol, diltiazem
 - (B) Isosorbide, nifedipine, propranolol
 - (C) Nitroglycerin, Isosorbide, atenolol
 - (D) None of the above
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8. Isoxsuprine is used to treat

- (A) Asthma
 - (B) Severe Hypotension
 - (C) Nasal congestion
 - (D) Premature labor
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9. A young woman complains of severe abdominal pain at the time of menstruation. Careful evaluation indicates the presence of significant endometrial deposits on the pelvic peritoneum. The most rational therapy for this patient would be

- (A) Flutamide
 - (B) Danazol
 - (C) Mestranol
 - (D) Estradiol
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10. The primary standard used to standardize acetic perchloric acid is

- (A) Benzoic acid
 - (B) Potassium hydrogen phthalate
 - (C) Oxalic acid
 - (D) Sodium carbonate
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11. Which of the following is used to damask zinc from the zinc-cyanide complex?

- (A) Tiron
 - (B) Potassium iodide
 - (C) Chloral hydrate
 - (D) Triethanolamine
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12. The IR detector which consists of a small metal cylinder closed by a blackened metal plate on one end and a flexible metalized diaphragm on the other is

- (A) Bolometer
 - (B) Thermistor
 - (C) Golay cell
 - (D) Pyroelectric detectors
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13. The Henderson's equation states that

- (A) $\text{pH} = \text{pK}_a + \log \frac{[\text{salt}]}{[\text{acid}]}$
 - (B) $\text{pH} = \text{pK}_a - \log \frac{[\text{salt}]}{[\text{acid}]}$
 - (C) $\text{pH} = \text{pK}_a - \log \frac{[\text{acid}]}{[\text{salt}]}$
 - (D) $\text{pH} = \text{pK}_a + \log \frac{[\text{acid}]}{[\text{salt}]}$
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14. The standard redox potential of MnO_4^- / Mn^{+2} systems is

- (A) +1.52 V
 - (B) -0.51 V
 - (C) +0.77 V
 - (D) -0.06 V
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15. Which of the following is not true for Eddy diffusion in chromatography?

- (A) it is related to particle size, geometry and tightness of packing of the stationary phase
 - (B) it results in the broadening of the eluted band
 - (C) it is independent of flow rate
 - (D) it results from the tendency of the molecules to migrate from the concentrated center part of the band towards more dilute regions on either side
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16. Which one of the following best describes the country, height of the monument and angle of tilt of this historic monument as shown in the image below?

17. In India and as in many other colonies, the growth of modern nationalism is intimately connected to the anti-colonial movement. People began discovering their unity in the process of their struggle with colonialism. The sense of being oppressed under colonialism provided a shared bond that tied many different groups together. But each class and group felt the effects of colonialism differently, their experiences were varied, and their notions of freedom were not always the same. The Congress under Mahatma Gandhi tried to forge these groups together within one movement. But the unity did not emerge without conflict. Which one of the following statements best describes the colonial history?

18. Mr A started business by investing 4200, and after 2 months Mr B joined his business by investing 3000. At the end of 4 months from the start of the business, Mr C joined with an investment of 6000. At the end of 10 months from the start of the business, Mr A added an additional amount of 1800. If Mr A's share in the annual profit was 1620, what was the total annual profit?

- (A) 3080
 - (B) 3960
 - (C) 4070
 - (D) 4180
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19. A circular copper wire of radius 35 cm is bent to form rectangle. If the length of the rectangle is more than the breadth of the rectangle by 26 cm, then what is the length of the rectangle?

- (A) 62 cm
 - (B) 72 cm
 - (C) 64 cm
 - (D) 68 cm
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